1: Turnbull E-4. 5 (1951-1955) 1965 FO4 Pygmies FO4
Mbuti

[ARCHERS]

[P. 187-A]

802 speaking archer bands in the northeastern part of the Ituri, near Gombari. He finds the only common characteristic to be the habit of counting in pairs and the use of the term "many" for anything over five. Finger signs for numbers up to five and a separate sign for 10 are used also by the Mamvu villagers. Thus 15 arrows would be "many times two arrows and one." Some of the examples that he gives show either the disinterest or lack of skill of these archers in exact numeration—such as the woman who for totals of four and seven arrows (the article used by Maes for his tests) gave, respectively, the numbers 40 and 10.

278 824 The use of effective poisons is well attested. Geil (1905), who reported reliably on other aspects of the life of Efe archers, mentions their knowledge of antidotes. Schebesta (1941, 65) denies having come across these. He (1941, 228 ff.) does, however, give details of various effective medicines prepared from forest plants. In some instances these medicines, or the methods of application, have magical significance. They seem unable to cure such affiictions as certain types of fever, leprosy, advanced dysentery, and gout.

[755] [757]

1: Turnbull E-4. 5 (1951-1955) 1965 FO4 Pygmies FO4
Mbuti

[NET HUNTERS]

[p.222-C]

Far less important than disease or accidental death is animal hostility—elephants, buffalo, and leopards being the major sources of danger. It is extremely rare for any Pygmy to be killed by one of these animals. The net-hunting Mbuti have effective medicines against poisonous snakes.

For most illnesses, says Putnam, the Pygmy can find a local remedy. For stomach upsets and diarrhea an enema (a hollow reed with a gourd gummed to one end) is administered, with the use of vegetable decoctions containing *gorogoro* bark for the former complaint, and *tebvo* liana for the latter. These enemas are also used to produce abortions. For ailments that they are unable to cure and that are foreign to them, some may seek the help of a villager witch doctor, though Mbuti opinion varies as to their efficiency.

Death, then, is accepted as just as natural a phenomenon as birth, and the body is accorded little ritual respect. There are, unlike Schebesta's account for the archers, cited examples of wailing. The following instances taken from the notes of Anne Putnam illustrate its extent.

2: Turnbull E-5 (1951-1958) 1965 FO4 Pygmies FO4
Mbuti
Congo-Kinshasa FO1

is usually applied by the African to causal relationships he does not understand but which he still believes to be pragmatic. The mechanism exists, just as surely for the African as for the motorist. Whereas the term "magic" implies, for the Westerner, supernatural intervention, its African counterpart, for villagers and Mbuti alike, has virtually no such connotation. Some "magical" activities are not given any special term other than that for the activity itself. Those that are classified apart as a special type of activity are thought of as *curative*, and the classificatory term indicates effective function, not supernatural intervention. It is in this sense that we use the word, and in this sense alone that it should here be understood.

Witchcraft, on the other hand, introduces other elements, although it is still basically thought of as a scientifically explicable phenomenon, involving certain supernatural powers conveyed by the possession of witchcraft substance, something that can be touched and seen but, being located in the entrails (details as to exactly where, and what it looks like, vary), cannot be removed except at death. But whereas the existence of the powers is explained by the substance, the nature of the powers themselves is inexplicable, therefore supernatural.

Sorcery is akin to witchcraft only in that it involves the possession of similar powers. But whereas with witchcraft the powers depend upon the existence of witchcraft substance in the body of the witch and are controlled by that substance, the powers of the sorcerer come to him, or her, through the exertion of willpower, and are therefore controllable by the individual. A witch acts only as such when forced to do so by the substance. A sorcerer acts as such when he wishes to, for whatever purpose he chooses. There is, naturally, a complete terminological distinction between the two in the various local languages: in the lingua franca of the area, KiNgwana, the term *chawi* is used for witch, *lozi* is used for sorcerer. These terms do not necessarily correspond in their usage to the same terms in other Bantu languages, and there is a significant difference between village and Mbuti usages of each term. Needless to say, in that an individual possessing witchcraft substance is not directly answerable for his actions, however grave, he is not considered antisocial. But as a sorcerer directs his power for individual ends, he *is* considered antisocial, and is therefore culpable.

Religion, as used here, refers to the realm of belief where there is no attempt to explain supernatural powers in terms of empirical experi-

2: Tumbull E-5 (1951-1958) 1965 FO4 Pygmies FO4
Mbuti
Congo-Kinshasa FO1

ence and natural life. There is no practical cause—the cause itself is supernatural. I include various *rites de passage* under religion because such rites involve a thoroughgoing belief in the supernatural. The nature of the supernatural, however, varies greatly as seen by Mbuti and as seen by villagers. Both peoples, however, do have a belief in the supernatural; that is, scientifically nonexplicable powers that are invested in another class of beings, without form or substance, which we call *spiritual*. It is belief in these spiritual beings that is the essence of what we here call religion.

CURATIVE MAGIC

As indicated above, we are not here in the least concerned with acts, of either the Mbuti or the villagers, simply because they involve an assumed but scientifically false connection between cause and effect. We use the term "magic" as a translation of the native term, which groups together divers curative activities in the belief that all are equally scientific. Thus the penicillin that cures a sore is magic just as much as the antelope horn that cures a spell of bad hunting.

In trying to assess how far the village world impinges on the forest world in this respect, then, we have to see what situations there are for which the Mbuti have no cure and which they wish to cure, and for which the villagers do have a cure. Or, indeed, we must look to see if the reverse situation exists.

When I say there is little magic in the forest world of the Mbuti, I mean that there are few curative activities, and for the very simple reason that there are relatively few situations that require curing. For most Mbuti who have reached adolescence the life expectancy is good, as is the expectancy of good health. For most minor physiological disorders the Mbuti seem to have effective remedies, some of which are cited in Appendix II together with details of the botanical identification of the plants, wherever I was able to be sure, or reasonably sure, that these were the only plants used. Such remedies cover not only the mild fevers, aches and pains, and sicknesses that may come the way of the Mbuti, but they also cover accidental injury such as may be incurred by falling on a spear, by being attacked by a wild animal, bitten by a snake, stung by bees, or by falling from a tree, breaking or twisting an arm or leg. Such injuries, however, occur remarkably seldom.

For these particular curative activities the Mbuti are acknowledged

which only the villagers *need* a cure. There are a number of such minor crises. Even if the action appears to be protective, it is still basically curative. For instance, theft is common in villages, and villagers have a number of magical cures for theft that prevent it by curing the situation that might give rise to this antisocial act. This may seem like an academic quibble, justifying the inclusion of protective magic under the definition of magic as curative activity, but it is more basic than that. If the Mbuti saw themselves in a future context they might be interested in protection, but one of their characteristics is to think in terms of the present. Theft is not a part of their behavior toward each other; there is nothing they have that the villagers can steal from them, so there is no immediate situation to be cured. But the danger of poor hunting is more real.

For the hunt the Mbuti themselves have divers cures, but mostly of a sympathetic nature and, considering the importance of the hunt, remarkably few. The villagers, on the other hand, have a great number of cures to offer, and if convenient the Mbuti accept them. But once again the question is one of need. From his experience the hunter sees no need to concern himself with the future: it is rare that the hunting is so poor that he goes hungry. It is rare indeed even that there could not be a surplus to trade with the villagers. But lack of meat for trade is always excused by a plea of bad hunting. In fact, the Mbuti even go further and point to the fact that they have no elaborate cures for bad hunting, so how can the villagers blame them for not bringing in meat? The villager then supplies the cures, and if these do not work he will even be told by the Mbuti that it must be witchcraft, and asked to call out a diviner. I know of three cases where Mbuti have been trained by villagers to divine witchcraft and are believed, by villagers, to be highly effective. But once again there is no question of dependence.

Other situations that need curing and that may be cured by empirical (i.e., "magical") means available to villagers alone include poor weather, attack by lightning, attack by a witch, or by the spirits of the forest (*keti*). The cures consist of divers charms and fetish bundles, but they are considered as effective only by the villagers. The Mbuti recognize man's inability to control the weather, though they have a small amount of very simple sympathetic weather magic; lightning strikes where it will, though again fires are covered by the Mbuti during a storm in case the flames attract lightning. As for attack by a witch, their attitude is somewhat ambivalent, but they do not place

2: Turnbull E-5 (1951-1958) 1965 FO4 Pygmies FO4
Mbuti
Congo-Kinshasa FO1

much faith in a charm against a witch's power, if such power exists; their own remedy is retreat to the forest, where there are no witches. They do not believe in the existence of malevolent *keti*, or spirits, as do the villagers.

In the realm of curative magic, then, the villager has nothing to offer that the Mbuti needs, and has no means of utilizing magic or exclusive village knowledge of magical techniques to control the Mbuti.

WITCHCRAFT

If it were not for their own misconception of village witchcraft, the Mbuti would be at no disadvantage through their own lack of it. As it is, however, they tend to confuse witchcraft and sorcery, and consequently find themselves dealing with a phenomenon totally outside their forest-world experience—conscious malevolence.

Their confusion is visible in their constant usage of the terms associated with sorcery, even when only witchcraft is implied. The forest hunters are aware of the theoretical difference, but simply do not believe in the existence of witchcraft substance. They are unwilling enough to believe in malevolent supernatural powers, but events combine to persuade them to belief.

Unlike magic, which applies to natural phenomena, witchcraft and sorcery deal necessarily with the supernatural, and create their own need for protection. But whereas the villagers, in their acceptance of the theory of witchcraft substance, can happily accept a fetish bundle as adequate protection, the Mbuti, seeing the whole thing as malevolent sorcery, cannot believe that a bundle of sticks and bones is going to afford much help. Looking at witchcraft—and sorcery—as something belonging essentially to the village world, however, they do have recourse in flight to the forest, where, in their experience, these supernatural powers cannot easily reach. In the village world they can find no protection, and can only hope for an end to the underlying hostility.

Thus witchcraft, which among the villagers is essentially a mechanism for social control, being a concept employed usefully to bring to light hidden sources of dispute and to publicly shame troublemakers, inadvertently gives the villagers a weapon against the Mbuti, while at the same time it drives the Mbuti both literally back into

582 stated and observed rule of incest, and although genealogical mem-
835 ories are short, never rising further than two above ego, it is adequate
611 in preventing the marriage of first cousins.[7] This seems to be about the limit of the intended restriction, as at this level flirtation, accompanied by sexual intercourse, may take place with only nominal disapproval. The disapproval becomes more loudly voiced if the young couple seem to be forming too strong an affection for each other, such as would normally lead to marriage.

835 There is some expressed disapproval, of about the same degree of
[832] seriousness, if children of the same social mother, but not of the same stomach, flirt with each other, but such flirtations happen.

I found it impossible to discover a single admitted instance of incest closer than between first cousins, but there is some evident restraint between brothers and sisters, none between mothers and sons, little
[578] between fathers and daughters. To swear at someone by accusing them of having sex with their parent is mild; it is more serious to accuse them of having sex with their sibling of one stomach. Worst of all is to accuse someone of having sex with her or his spouse.
[755] (The degree of freedom between sons and mothers may be seen in the
[855] fact that a mother gives strength to her children, if they are ill, by sleeping in the same bed with them. This is sometimes done between a mother and her adult son, so long as he is unmarried, without occasioning any comment.)

602 Together with this lack of emphasis on the biological aspects of
[601] kinship and the accompanying generational system of terminology goes a lack of formal restrictions on behavior between different kin
[611] categories, and a marked unwillingness to clearly define kin relationships between individuals. One suspects at times that the apparent shortness of genealogical memory is almost deliberate, for not only would such memory have no use, it would, in fact, undermine the whole delicate balance of social relationships among the Mbuti.

AGE GROUPS

561 Table 6 shows quite clearly the effective difference between the vil-
601 lage system and the system of the Mbuti, granting that they both share the same terminology. The fact that among the Mbuti all mem-

[582] [7] It is often stated generally that one marries nobody related through either the father's or the mother's line, but in special situations the restriction is narrowed down as given here.

A [see page 328 -- Analyst]

2: Turnbull E-5 (1951-1958) 1965 FO4 Pygmies FO4
Mbuti

juice that when cut they have to be bent, with both ends upward so that the liquid will not be lost. Sometimes they are cut into chunks and soaked in water that is used for washing the infant.

A third precaution that is taken is to tie a vine bracelet around one of the infant's wrists, or around his waist. A small piece of wood may be roughly threaded to the vine, and the stated function is again to give the infant strength, except that with specific reference to the wood, it is frequently said that it "gives the child the strength of the forest."

With regard to preferences among the women as to where they give birth, it varies. But there is unanimity that if there is any difficulty at all, then the right thing to do is to go off away from the camp and into the forest, which will "help." The forest appears quite clearly as helper and protector in the vine and wooden medicines and charms, and in the scarification that will take place at the first sign of sickness. Even with adults this is done: the skin is cut in a number of small slits with an arrow, and some of the flesh is gouged out. The ashes prepared from forest woods and plants are made into a paste with spittle and rubbed into the wounds. When the skin grows back, the black ash is still visible beneath, and is regarded as a source of the strength and health and happiness that derive from the forest.

Both parents are under food restrictions until the baby is old enough to crawl, the main one and the only general one being that they must not eat meat. The father may go hunting, but any meat that falls into his net is divided among the others. More often he stays away from the hunt, sending his net out with some youth. However, somewhere between one and two months after birth, and when the family net has made a particularly successful catch, the father will usually announce that he is eating meat again.

The only other restriction placed on the nuclear family by the crisis of birth is the restraint placed on the father, who is forbidden to have sexual intercourse with the mother as long as she is breast-feeding the child. The restriction is quite definitely linked by the Mbuti to the supply of milk, which is also given as the reason for their rather mild aversion to twins. I know of no record of twins who both survived into adulthood, and it is stated that one of them invariably dies. It is also stated that no woman would feed a child at each breast, and I understand that if twins are born, one is simply not fed by the mother, and is taken away and buried by her friends. But there is no fear of twins, and no ritual in connection with their birth or death.

2: Turnbull E-5 (1951-1958) 1965 FO4 Pygmies FO4
Mbuti

had either given in or had actually encouraged Ekianga, and Amabosu had supported her. This brought a mild cry of protest from Amabosu, and hearing it Arobanai rounded on him and asked him whether or not he was an Mbuti, for he had not behaved like one. What did it matter whether he was out of the same stomach as Kamaikan or not, were they not all *apua'i* (the term of friendship that covers brothers, sisters and age mates)? And was it not more important whether something was right or wrong than whose stomach who came from?

Finding this an unexpectedly dramatic declaration, and one which made Moké visibly sit up, and almost certainly feeling somewhat fatigued, Arobanai suddenly stopped and brightly said that she was going to get some sleep, the rest could do as they pleased. As she strode into her hut Moké came over and stirred at the central fire. Not addressing anyone in particular he said that this thing had gone on long enough, and that he did not want to hear another word about it. He said that if disputes continued they would kill the camp completely and absolutely, that the forest would refuse to accept the band and would send all its hunts back empty. And what Ekianga did was a matter for him to think about, for if he continued sleeping with Kamaikan it would almost certainly kill their child, and that would again displease the forest. He ended by saying, still staring carefully at the fire, "It is no longer a matter for us, it is a matter for the forest."

20. A month or so later Kamaikan's young son became ill. Arobanai was not in the camp at the time, but Loku was. Nobody mentioned Moké's warning that the boy would become ill if Ekianga continued sleeping with Kamaikan (as he did), and Amabosu was shouted down when he appeared about to say something to this effect. He changed his mind and went over to Loku, and said that she was to blame; she would have to cure the child by cicatrizing it. In the village this is tantamount to an accusation of sorcery, cicatrization being an admission of unknowing guilt by which the accused at the same time absolves himself and does all that is possible to negate the curse. The Mbuti know the belief and the custom, and sometimes, as in a case like this, they follow the custom without following the belief. Loku put up the expected resistance to the idea, and Amabosu chased her with a stick. The youths and hunters followed the show with enjoyment, and Manyalibo made jokes about nobody daring to come near him because he was the biggest sorcerer of all. Eventually Loku

feigned to run into a tree and fall unconscious. She was carried into Cephu's hut, where she stayed until the next day. Then, in a very matter-of-fact way, she emerged, went over to Ekianga's hut and picked up the sick boy. In front of the few who cared to look she made a few incisions with an arrow tip. The boy seemed better, and Loku happily played with him. Ekianga came and inquired how her head was where she hit the tree, and persuaded her to go and lie down. They disappeared into the hut together and that settled the matter. Manyalibo pointed to the hut and observed that it was shaking somewhat. "Sorcery, indeed!" was his comment as he turned his back to go into his own hut.

Ekianga settled down, from then onward dividing his attentions equally among his three wives, though seldom again was there a camp when all three were with him at the same time.

DISPUTES CONCERNING TERRITORY

21. There were only four such disputes that I recorded during an entire year, all of them slight and apparently indicative of marital disagreements; that is, excluding discussions as to whether or not to break camp and go to the village, a stock suggestion and a good arguing point whenever another issue turns up that is better avoided. Once, however, when such a suggestion was seriously made and the general opinion seemed to be that it was time for a move to the village, an elderly widow, Nakwanji, came out of her hut and harangued the band from midcamp. She said that a child had been born in that camp and that the child was well. Its food was there, in that camp and in that part of the forest, and it should not be taken from its food. Everyone agreed except Tungana, who said perhaps they could compromise and go halfway to the village and make a new camp there. Nakwanji was insistent and said no, this was the child's forest and this was where it must stay as long as it remained well and happy.

22. During the big rift in the honey season, Moké was up in the northern part of the territory with Ekianga and Manyalibo. Isa, his son, and Isa's wife, Pikenasona, were at Masisi's camp staying with Njobo's wife. Partly because of the noise Masisi made every evening, and partly because he wanted to be with his father, Isa kept insisting that Pikenasona leave and journey with him to the north. His wife, Njobo's niece, and therefore much at home in Masisi's camp, refused to go. Asofalinda, Ekianga's sister, told Isa it would be bad to go, as it

2: Turnbull E-5 (1951-1958) 1965 FO4 Pygmies FO4
Mbuti
Congo-Kinshasa FO1

for there are other mechanisms to deal with the situations with which witchcraft, in village life, deals. As indicated, it may play a minor and supplementary role in the dispersal of blame in a dispute, but completely without involving any belief in the actual presence of witchcraft substance. It is highly significant that the concept of supernatural power in this form is utterly foreign to the Mbuti, and this places them in a somewhat disadvantageous position when brought face to face with the village notion of sorcery, and the practice of cursing.

SORCERY

While the Mbuti make limited use of village concepts of magic and witchcraft for their own practical ends, they make no such use of sorcery, having for it a complete abhorrence. The villagers themselves never admit to being sorcerers, for sorcery is by definition antisocial and evil, but they may use the threat of sorcery (pp. 60–62) and claim to have employed a sorcerer against the Mbuti. More likely still, they may seek the aid of the local doctor to effect a curse against the Mbuti for nonfulfillment of their side of a bargain.

From the village point of view there is a world of difference between a sorcerer's curse and a doctor's curse, but from the Mbuti point of view they are one and the same thing. The theoretical and institutional aspects of magic and witchcraft the Mbuti can appreciate and turn to their advantage. Confronted with sorcery they have no recourse but flight. Flight in itself is significant, for it is flight away from the village into the forest or, if already in the forest, then it is flight further into the forest. On the whole it is a firm belief that sorcery is ineffective outside the village, but sometimes circumstances (such as poison) combine to indicate otherwise, and then it becomes a question of proximity to the village. Once again, however, as with magic, we find the Mbuti regarding the forest as a place of refuge, a place where they are sure of protection.

Against witchcraft, all the Mbuti have to do is to acknowledge being witches and go through the necessary purifications; the belief never touches them. Against sorcery, apart from flight, they have no means of defense for there is no counterpart in their experience. Sorcery implies the use of supernatural powers to effect harm on someone. Two concepts are involved that are foreign to the Mbuti: one is that a supernatural power can be used for anything but the social good, and the second is that anyone could wish, anonymously as it

585 628 many new faces, and no doubt this in itself laid the groundwork for future matchmaking. For a month or so after marriage she would work for and with the other women of the camp, and then set up housekeeping on her own.

Illness and Death

757 For most of his bodily ills the pygmy can find a local remedy. Gastric disorders and diarrhea plague them rather frequently. For these the universal cure is an enema (enemas are even used to produce abortions). Any pygmy, apparently, can give an enema to any other pygmy, but as a rule it is the women who give them to their husbands, children, and female friends. The instrument is a long reed with a gourd gummed on one end; the operator thrusts the other end into the patient's rectum and holds up the gourd end. The gourd is filled with various vegetable decoctions used in solution; these include the *tebvo* liana for diarrhea and *gorogoro* bark for stomach upsets.

755 179 When a pygmy is suffering from some mysterious ailment which he and his fellows are unable to cure and which seems to be magical in nature, he will go to the village of his Negro hosts and beg the local witch doctor to cure him by sucking out "disease objects," by cupping with horns, or by the use of herbs.

165 The greatest single cause of mortality in the pygmy community is falling from a tree. When a pygmy falls from such a height, he has no real chance of survival, for there are seldom branches below him. The second most frequent cause of death is falling branches. As the pygmy camp is always constructed in the primary forest itself, never in a clearing, a branch falling in a windstorm may hit a house, killing four or five people at once.

[P.340-B]